

Case No. : <u>GTS20260616001-3-02</u>
Ambient Condition: <u>23</u> °C, <u>63</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.6.17-2026.7.1</u> Test Engineer: <u>Evan ouyang</u>

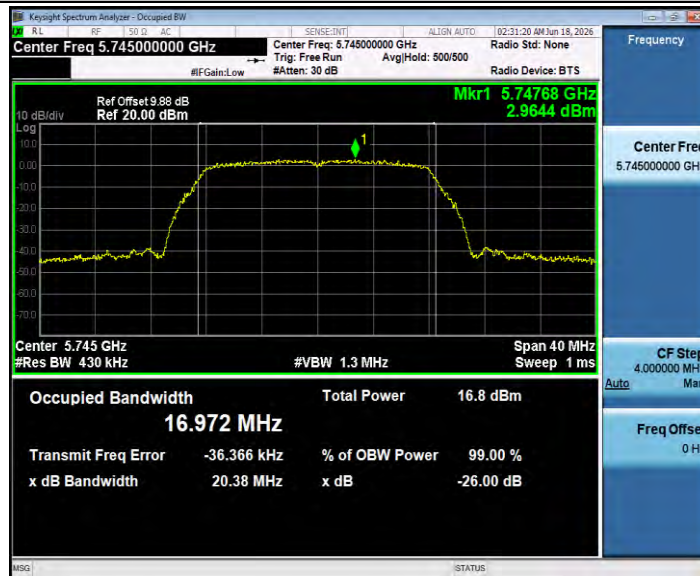
Appendix C.1: Occupied channel bandwidth

Test Result

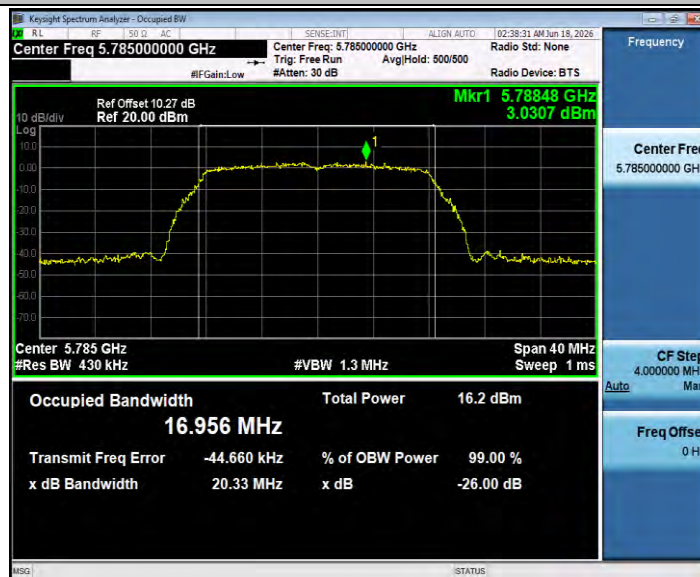
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant3	5745	16.972	5736.4776	5753.4496	---	---
		5785	16.956	5776.4773	5793.4333	---	---
		5825	16.959	5816.5034	5833.4624	---	---
11N20SISO	Ant3	5745	17.928	5736.0179	5753.9459	---	---
		5785	17.930	5775.9984	5793.9284	---	---
		5825	17.888	5816.0441	5833.9321	---	---
11N40SISO	Ant3	5755	36.106	5736.9259	5773.0319	---	---
		5795	36.138	5776.9700	5813.1080	---	---
11AC20SISO	Ant3	5745	17.909	5736.0145	5753.9235	---	---
		5785	17.899	5776.0163	5793.9153	---	---
		5825	17.935	5816.0107	5833.9457	---	---
11AC40SISO	Ant3	5755	35.980	5736.9875	5772.9675	---	---
		5795	36.175	5776.8732	5813.0482	---	---
11AC80SISO	Ant3	5775	74.888	5737.5558	5812.4438	---	---
11AX20SISO	Ant3	5745	19.262	5735.3266	5754.5886	---	---
		5785	19.311	5775.3145	5794.6255	---	---
		5825	19.250	5815.3406	5834.5906	---	---
11AX40SISO	Ant3	5755	37.574	5736.1888	5773.7628	---	---
		5795	37.456	5776.2886	5813.7446	---	---
11AX80SISO	Ant3	5775	76.764	5736.5854	5813.3494	---	---

Test Graphs

11A_Ant3_5745



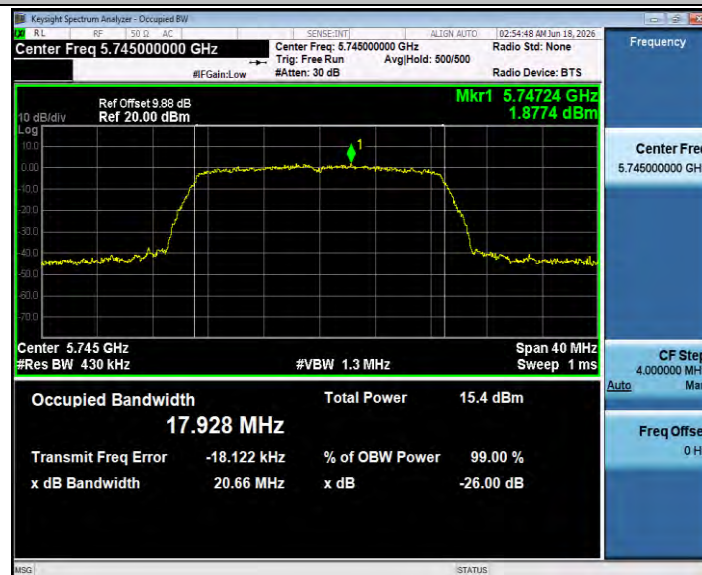
11A_Ant3_5785



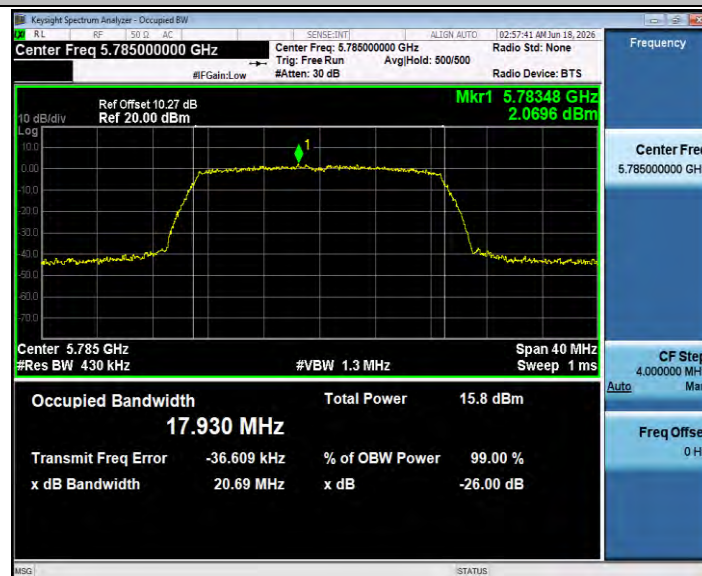
11A_Ant3_5825



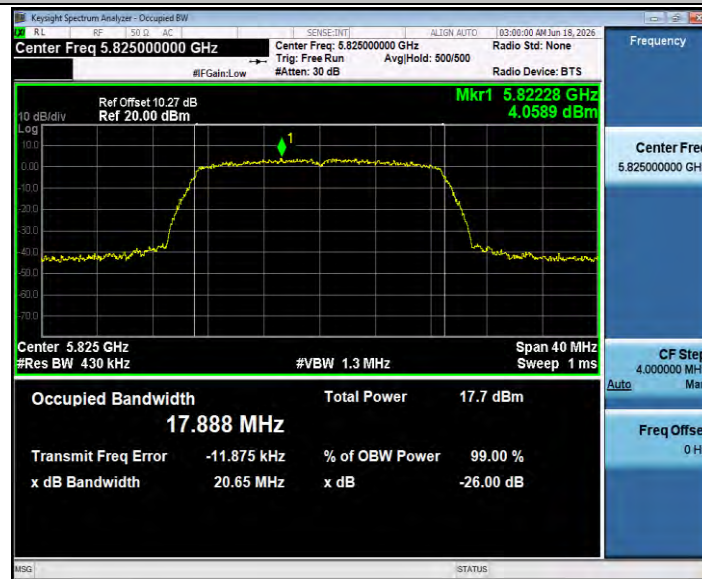
11N20SISO_Ant3_5745



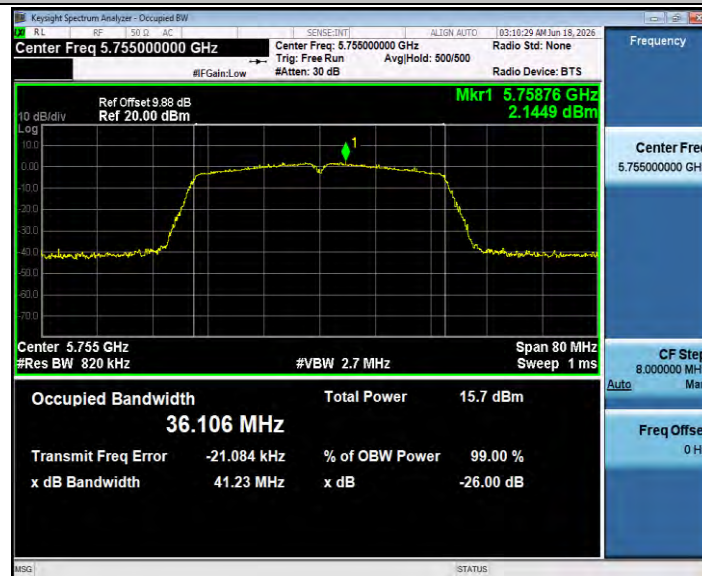
11N20SISO_Ant3_5785



11N20SISO_Ant3_5825



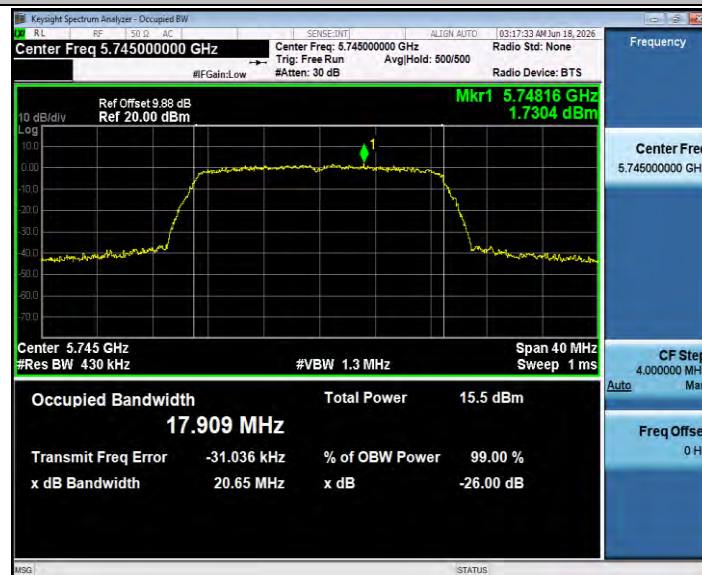
11N40SISO_Ant3_5755



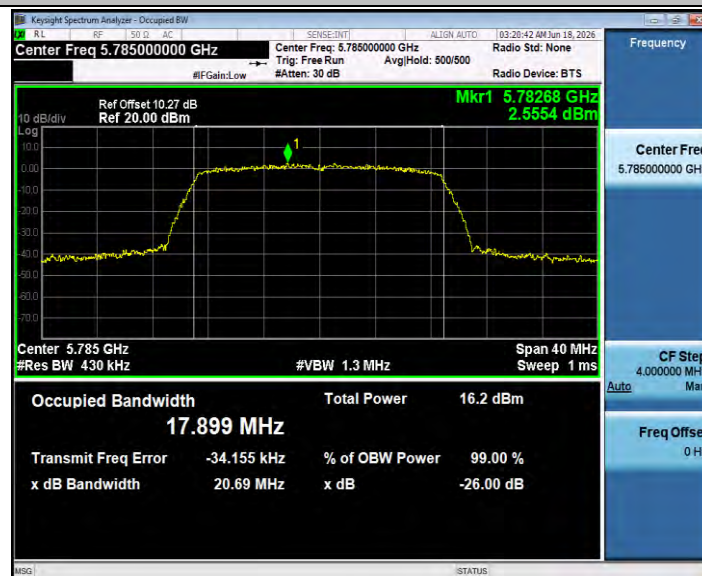
11N40SISO_Ant3_5795



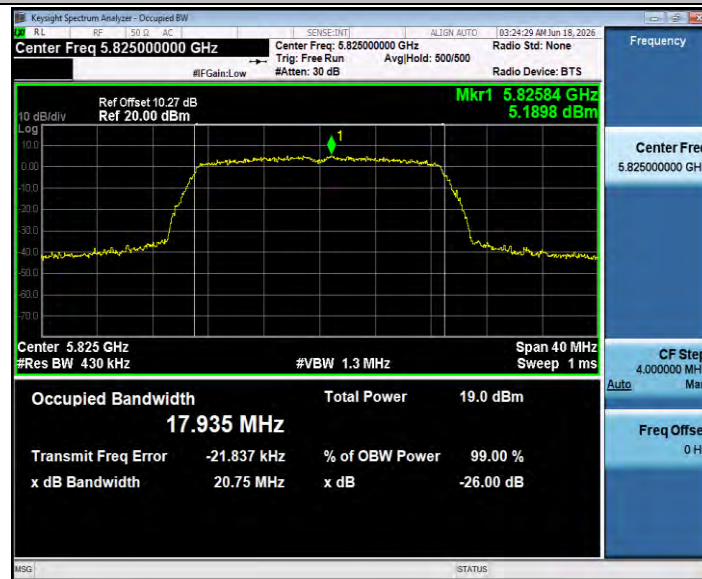
11AC20SISO_Ant3_5745



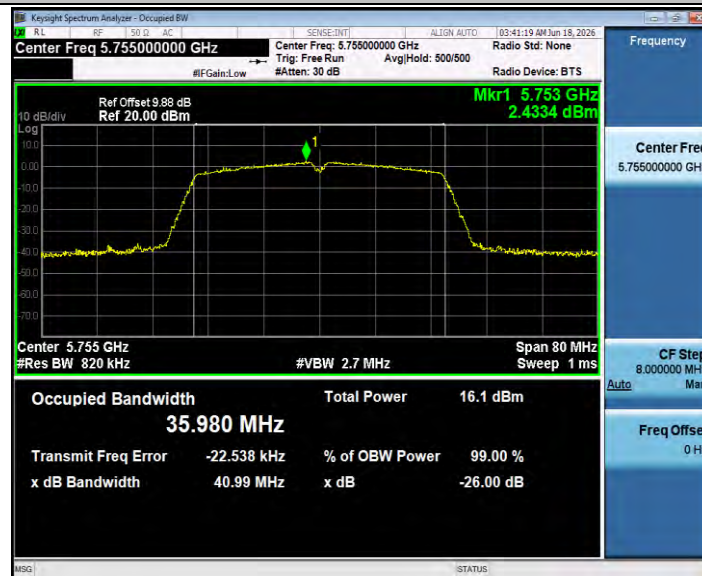
11AC20SISO_Ant3_5785



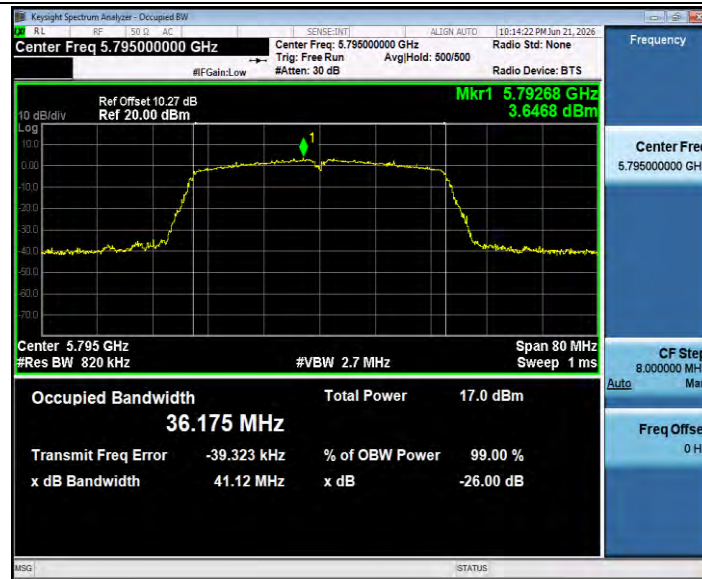
11AC20SISO_Ant3_5825



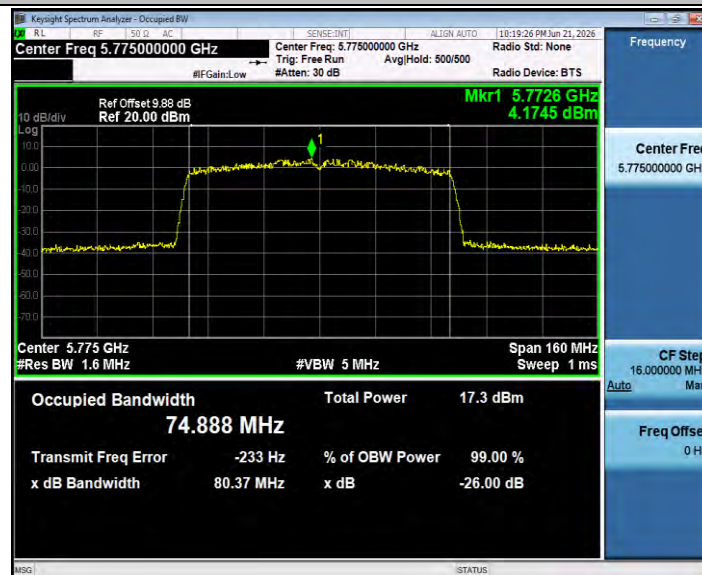
11AC40SISO_Ant3_5755



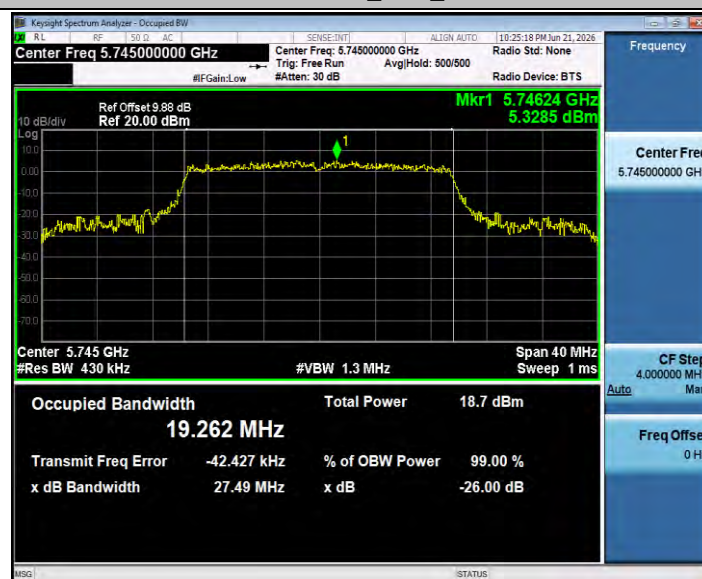
11AC40SISO_Ant3_5795



11AC80SISO_Ant3_5775



11AX20SISO_Ant3_5745



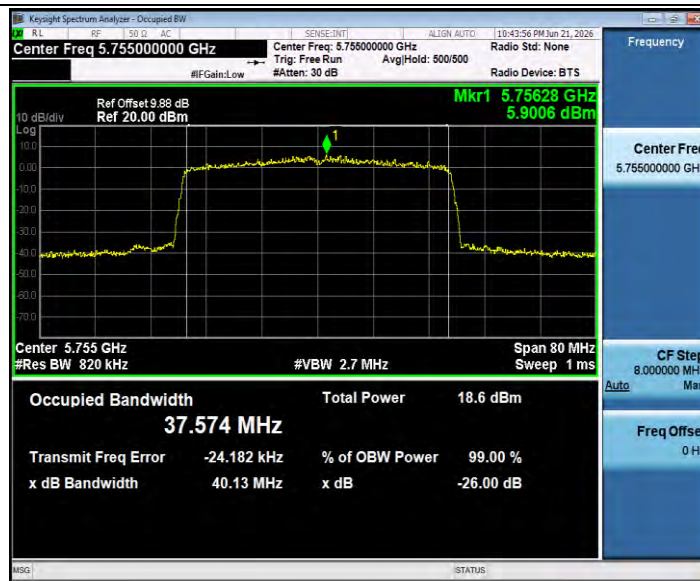
11AX20SISO_Ant3_5785



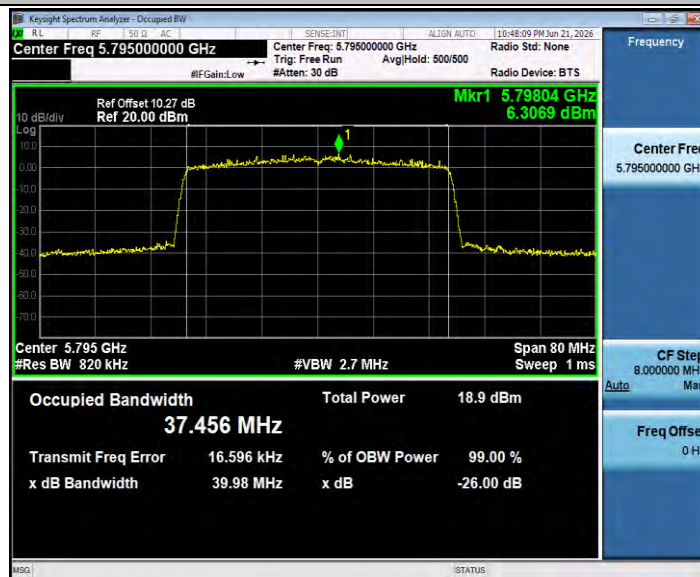
11AX20SISO_Ant3_5825



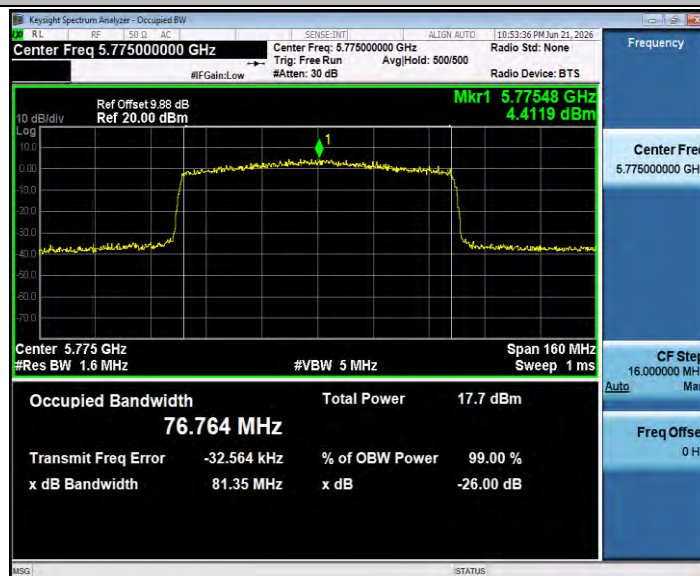
11AX40SISO_Ant3_5755



11AX40ISO_Ant3_5795



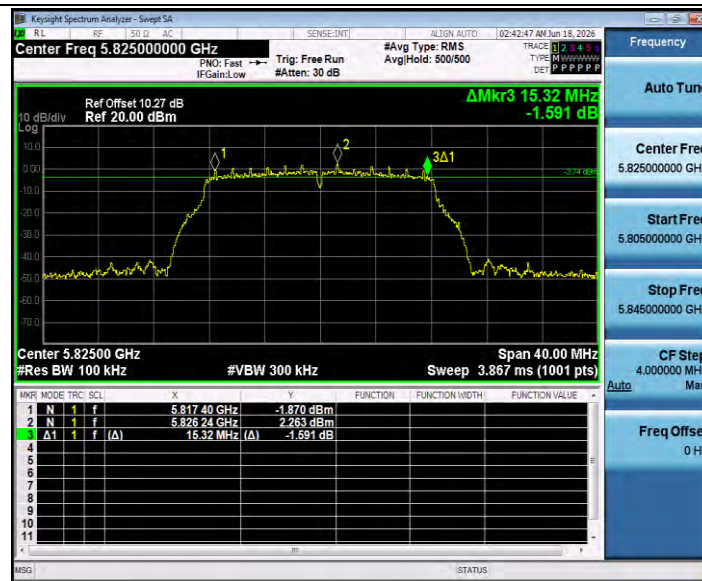
11AX80ISO_Ant3_5775



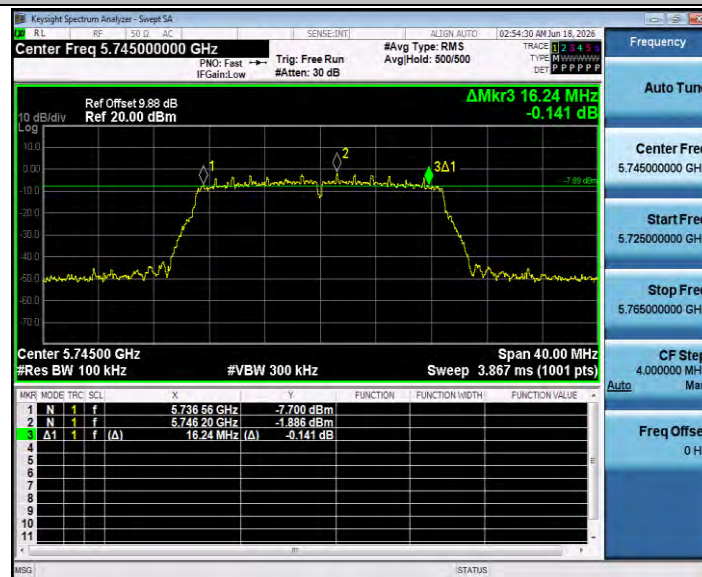
Appendix C.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant3	5745	15.320	5737.160	5752.480	0.5	PASS
		5785	15.120	5777.400	5792.520	0.5	PASS
		5825	15.320	5817.400	5832.720	0.5	PASS
11N20SISO	Ant3	5745	16.240	5736.560	5752.800	0.5	PASS
		5785	16.080	5776.440	5792.520	0.5	PASS
		5825	15.120	5817.400	5832.520	0.5	PASS
11N40SISO	Ant3	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant3	5745	15.120	5737.400	5752.520	0.5	PASS
		5785	15.080	5777.400	5792.480	0.5	PASS
		5825	15.120	5817.400	5832.520	0.5	PASS
11AC40SISO	Ant3	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC80SISO	Ant3	5775	75.040	5737.400	5812.440	0.5	PASS
11AX20SISO	Ant3	5745	18.600	5735.640	5754.240	0.5	PASS
		5785	18.840	5775.520	5794.360	0.5	PASS
		5825	18.720	5815.600	5834.320	0.5	PASS
11AX40SISO	Ant3	5755	35.840	5737.160	5773.000	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AX80SISO	Ant3	5775	75.040	5737.400	5812.440	0.5	PASS



11N20SISO_Ant3_5745



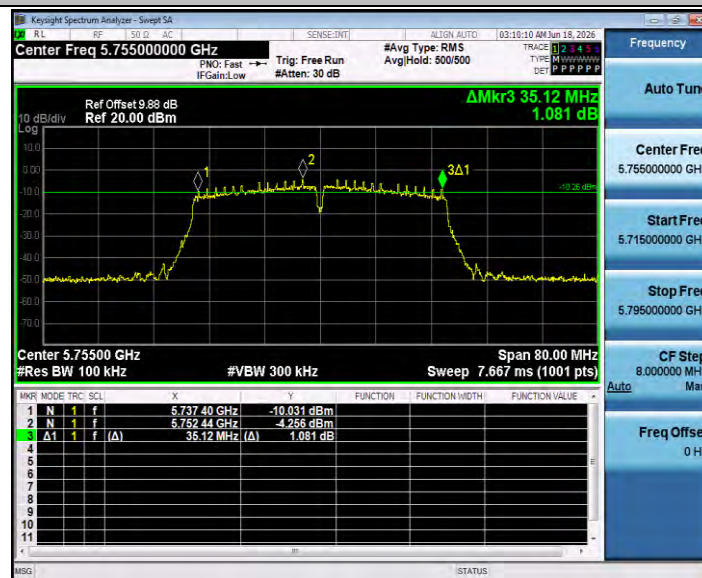
11N20SISO_Ant3_5785



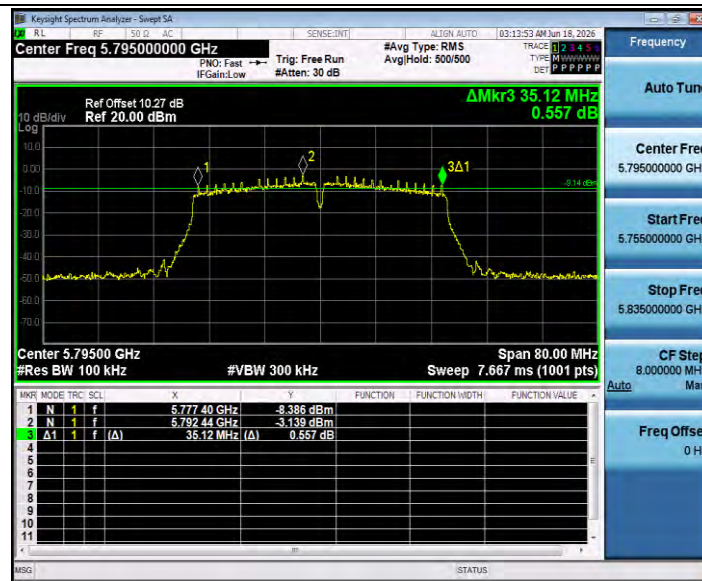
11N20SISO_Ant3_5825



11N40SISO_Ant3_5755



11N40SISO_Ant3_5795



11AC20SISO_Ant3_5745



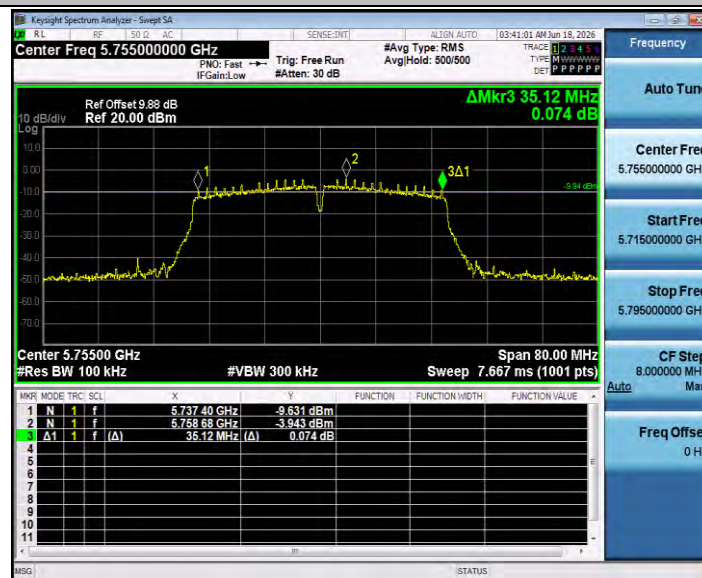
11AC20SISO_Ant3_5785



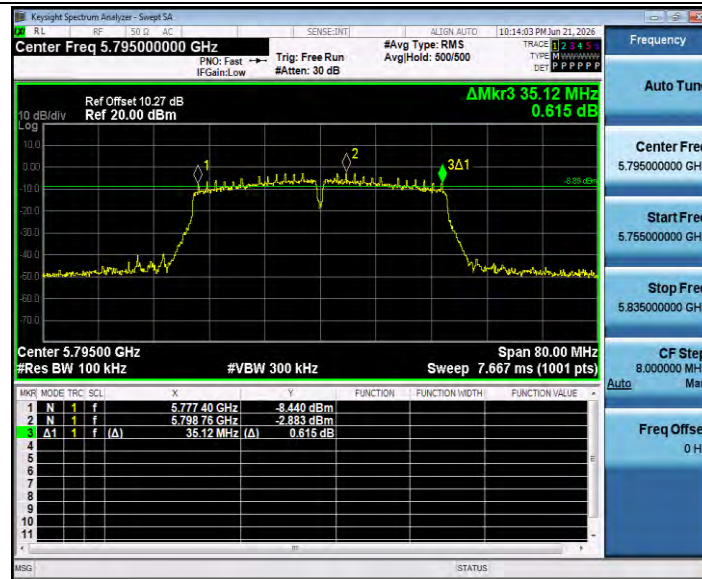
11AC20SISO_Ant3_5825



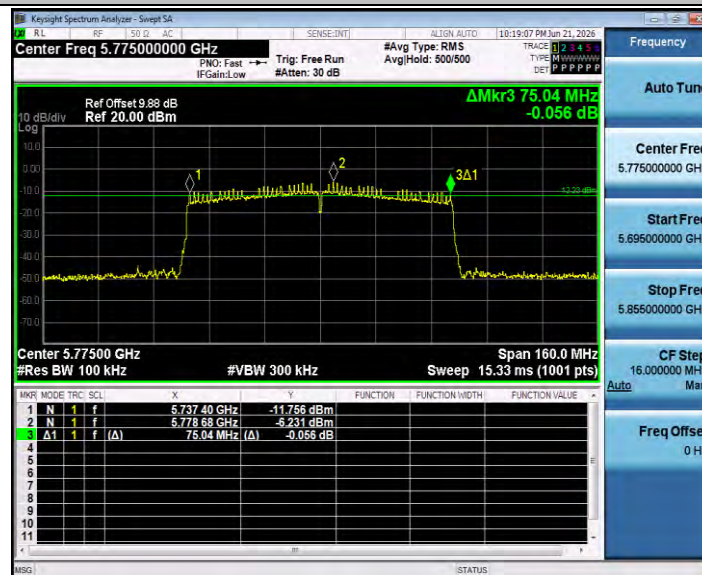
11AC40SISO_Ant3_5755



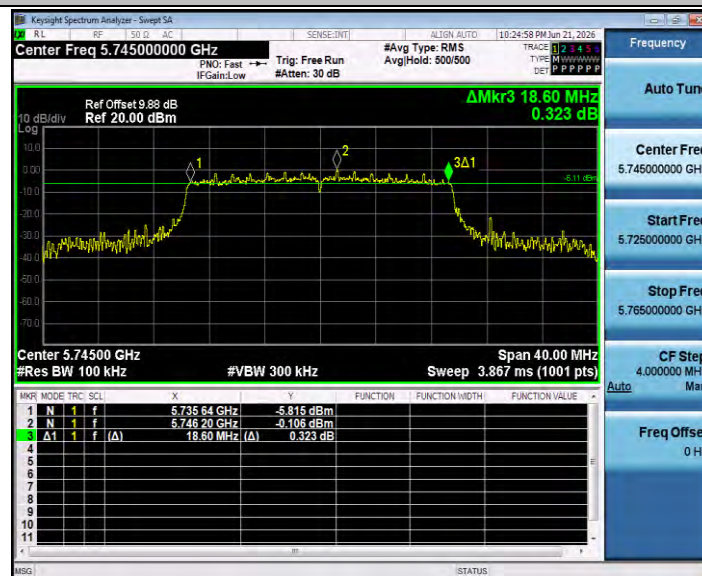
11AC40SISO_Ant3_5795

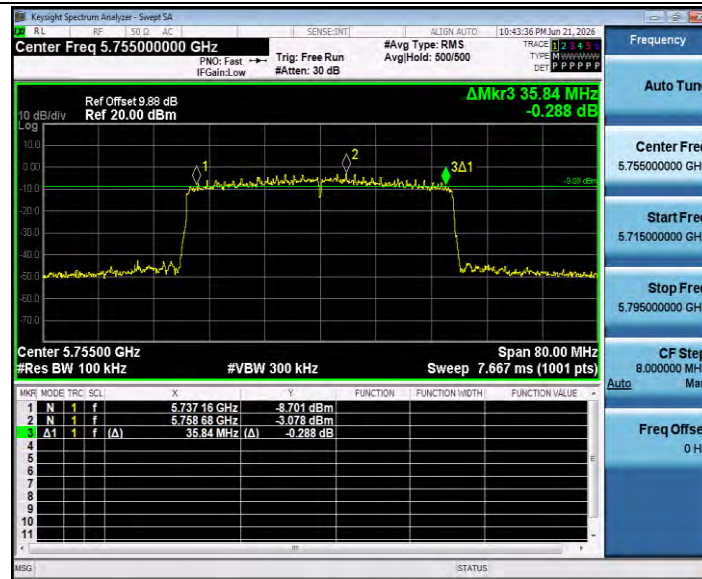


11AC80SISO_Ant3_5775



11AX20SISO_Ant3_5745





11AX40ISO_Ant3_5795



11AX80ISO_Ant3_5775

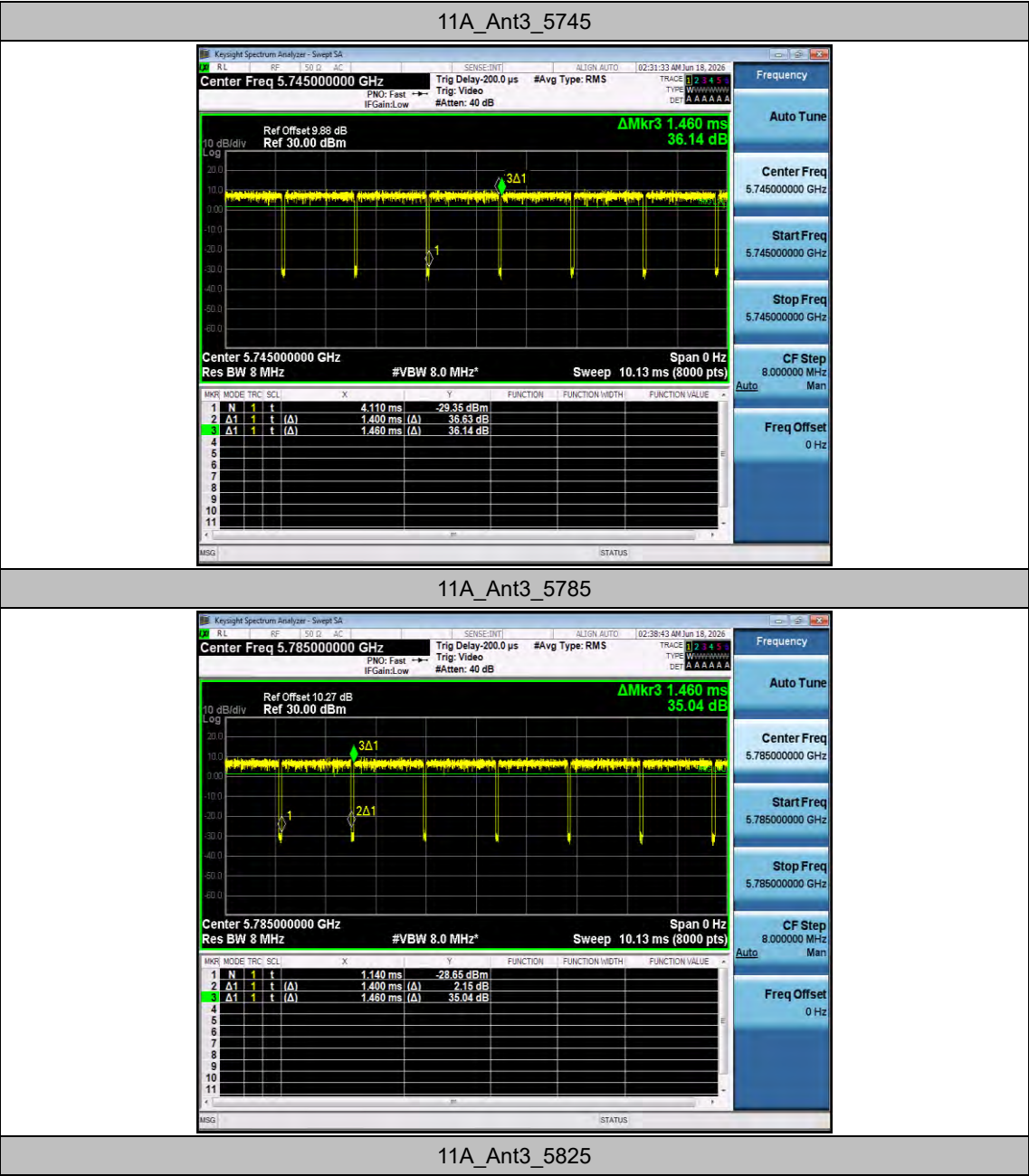


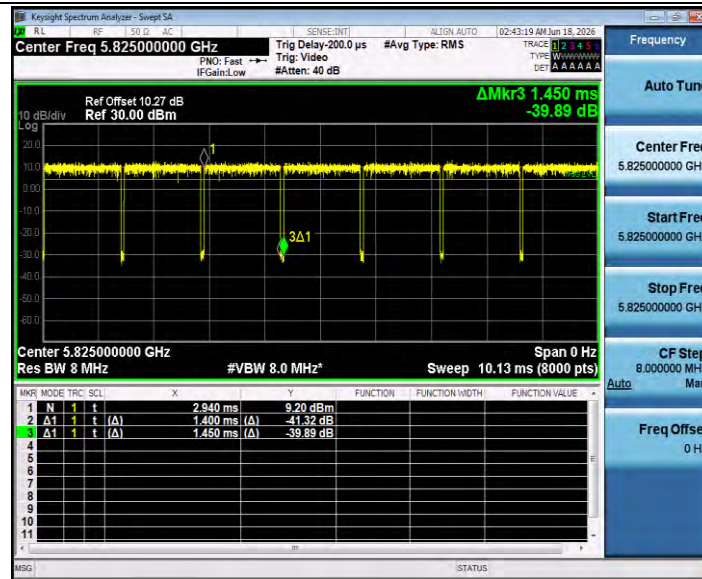
Appendix C.3: Duty Cycle

Test Result

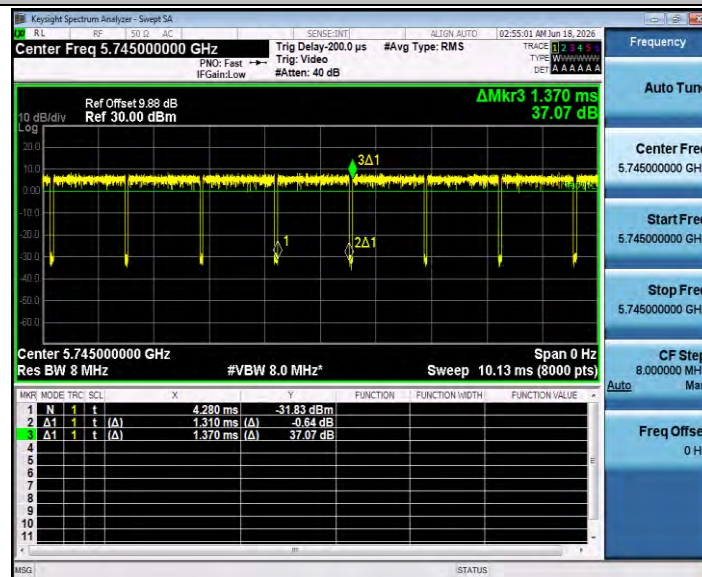
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant3	5745	1.40	1.46	95.89	0.18	0.71
		5785	1.40	1.46	95.89	0.18	0.71
		5825	1.40	1.45	96.55	0.15	0.71
11N20SISO	Ant3	5745	1.31	1.37	95.62	0.19	0.76
		5785	1.30	1.36	95.59	0.20	0.77
		5825	1.30	1.36	95.59	0.20	0.77
11N40SISO	Ant3	5755	0.65	0.71	91.55	0.38	1.54
		5795	0.65	0.70	92.86	0.32	1.54
11AC20SISO	Ant3	5745	0.68	0.74	91.89	0.37	1.47
		5785	0.68	0.74	91.89	0.37	1.47
		5825	0.69	0.75	92.00	0.36	1.45
11AC40SISO	Ant3	5755	0.35	0.41	85.37	0.69	2.86
		5795	0.35	0.41	85.37	0.69	2.86
11AC80SISO	Ant3	5775	0.19	0.57	33.33	4.77	5.26
11AX20SISO	Ant3	5745	0.54	0.60	90.00	0.46	1.85
		5785	0.43	0.49	87.76	0.57	2.33
		5825	0.54	0.59	91.53	0.38	1.85
11AX40SISO	Ant3	5755	0.30	0.36	83.33	0.79	3.33
		5795	0.30	0.36	83.33	0.79	3.33
11AX80SISO	Ant3	5775	0.17	0.54	31.48	5.02	5.88

Test Graphs

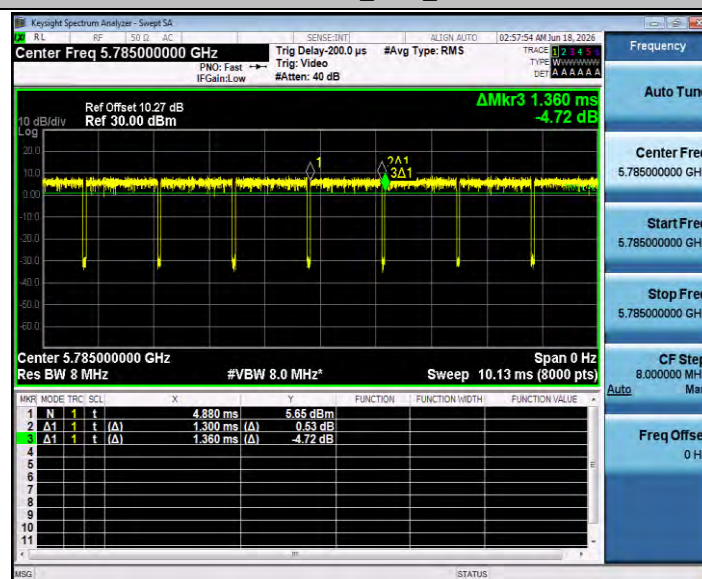




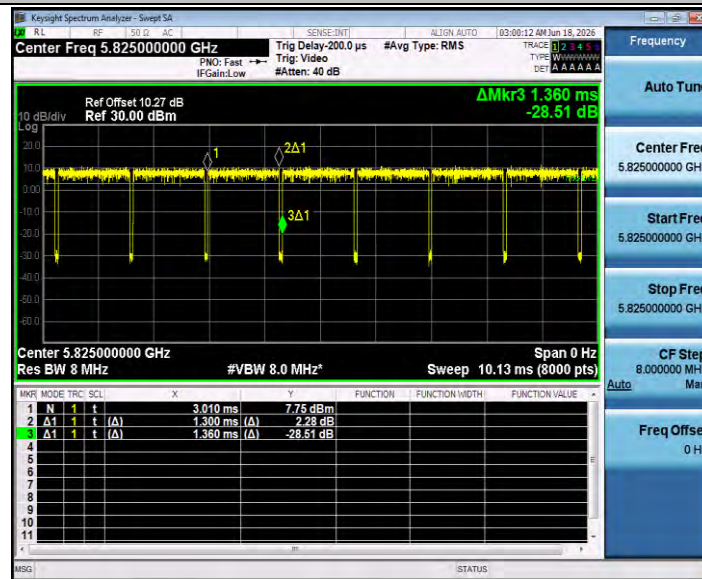
11N20SISO_Ant3_5745



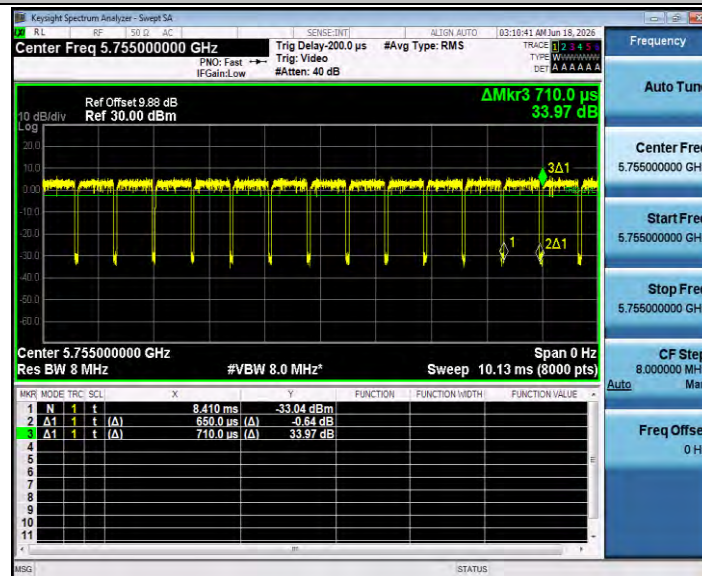
11N20SISO_Ant3_5785



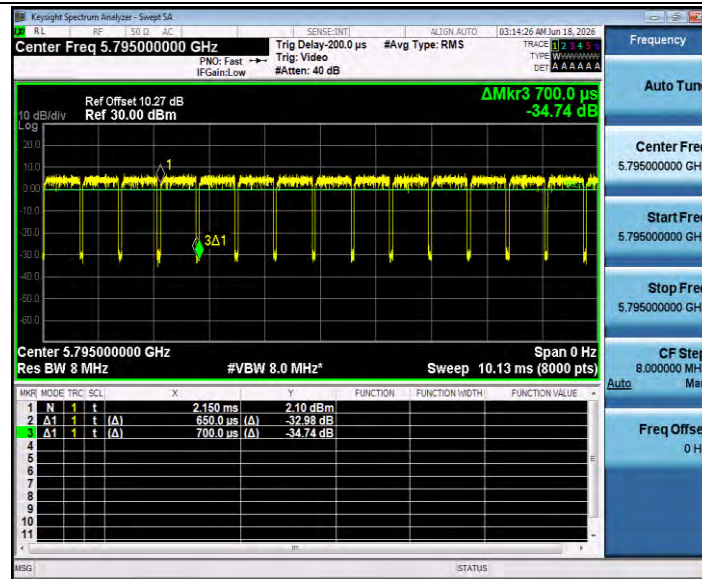
11N20SISO_Ant3_5825



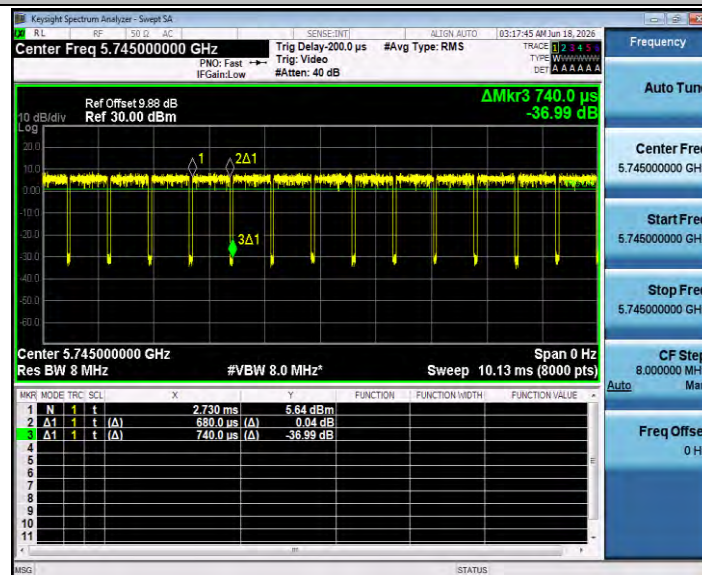
11N40SISO_Ant3_5755



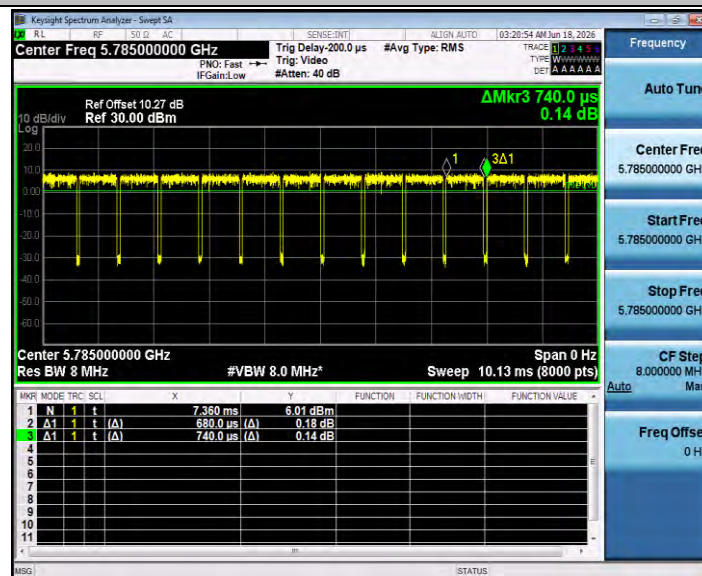
11N40SISO_Ant3_5795



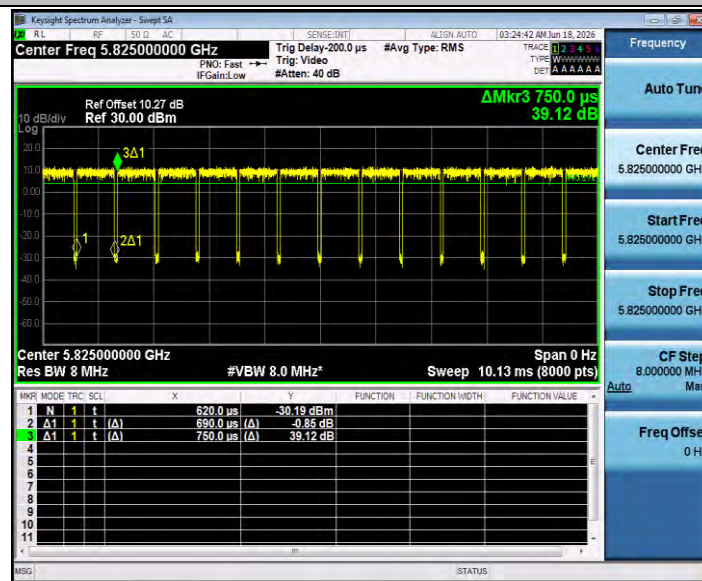
11AC20SISO_Ant3_5745



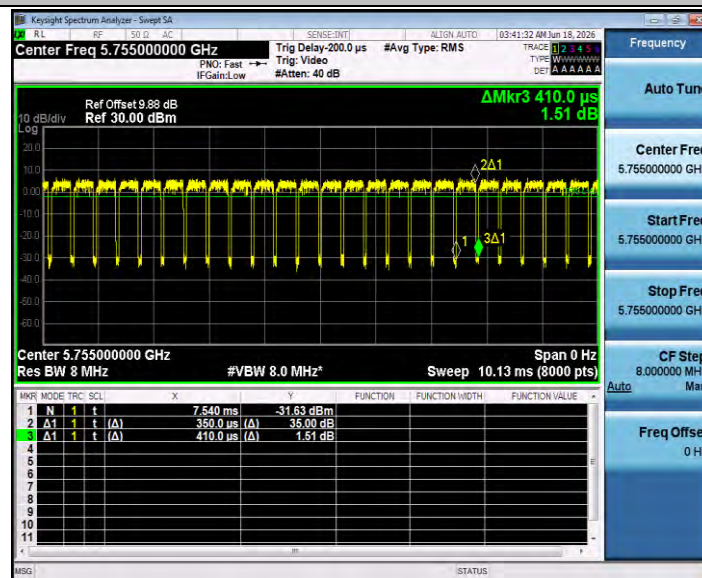
11AC20SISO_Ant3_5785



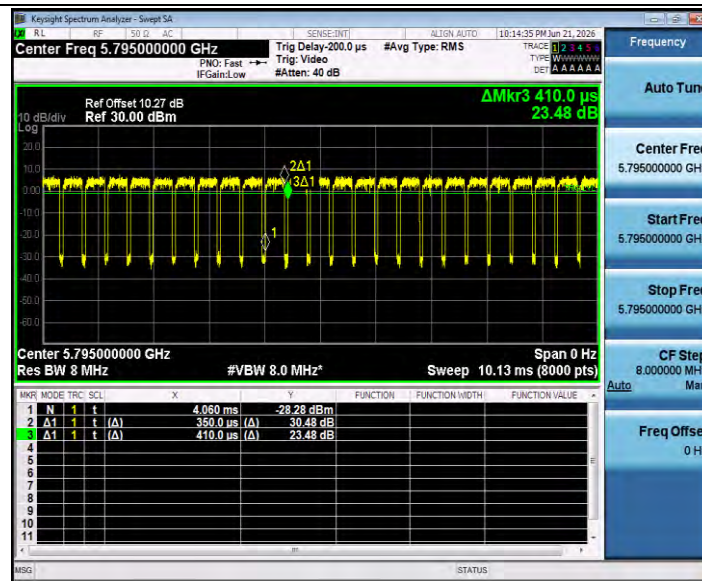
11AC20SISO_Ant3_5825



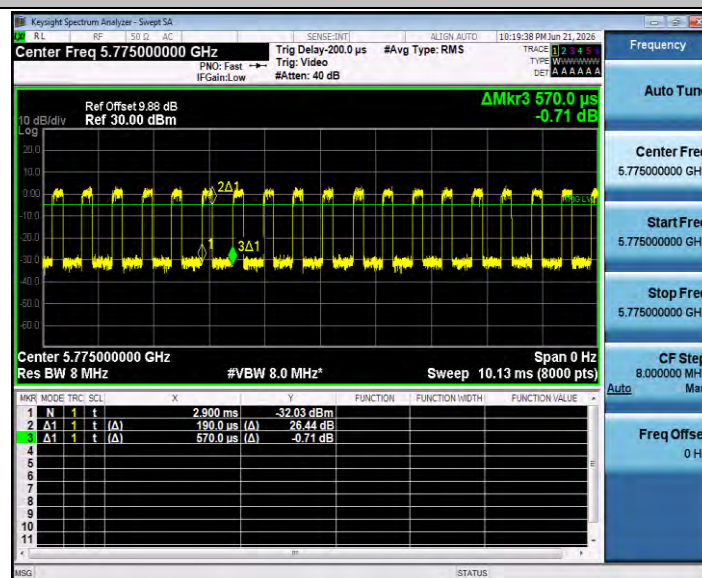
11AC40SISO_Ant3_5755



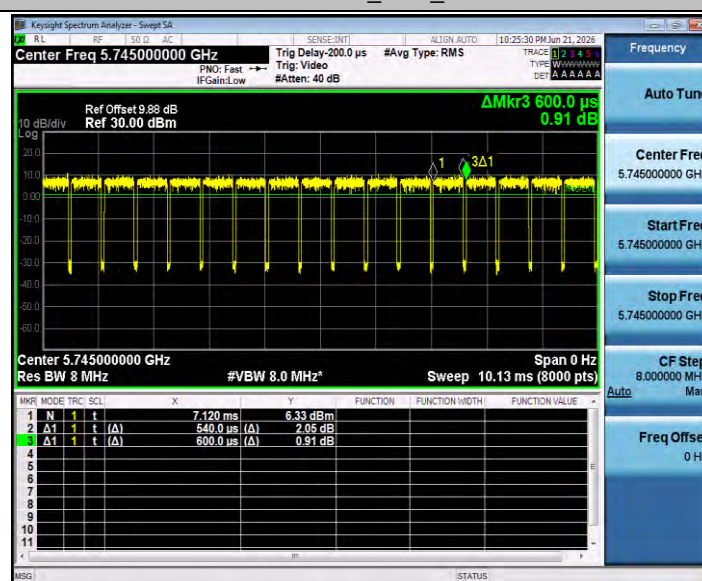
11AC40SISO_Ant3_5795



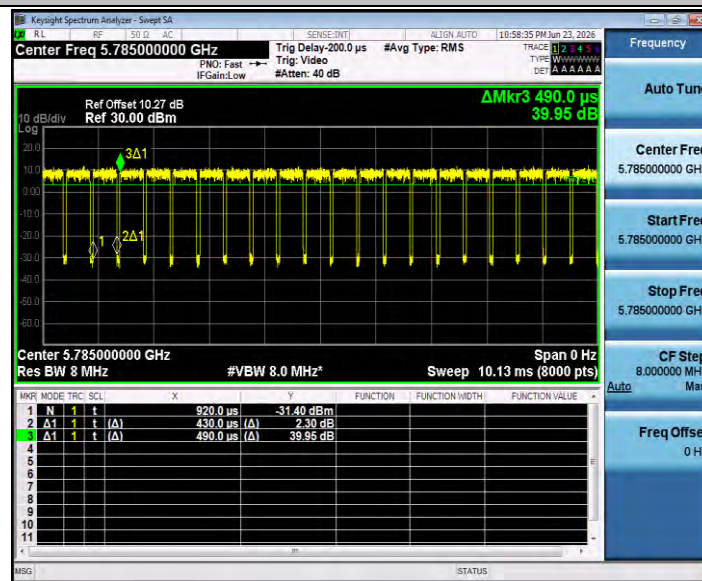
11AC80SISO_Ant3_5775



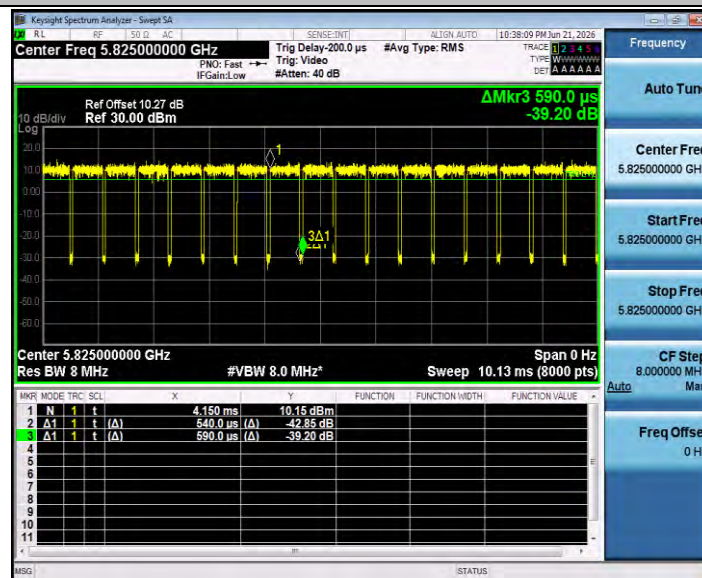
11AX20SISO_Ant3_5745



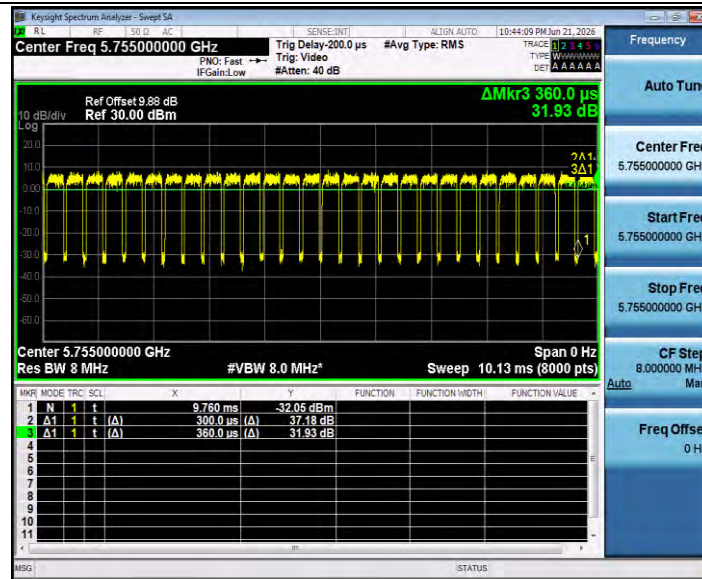
11AX20SISO_Ant3_5785



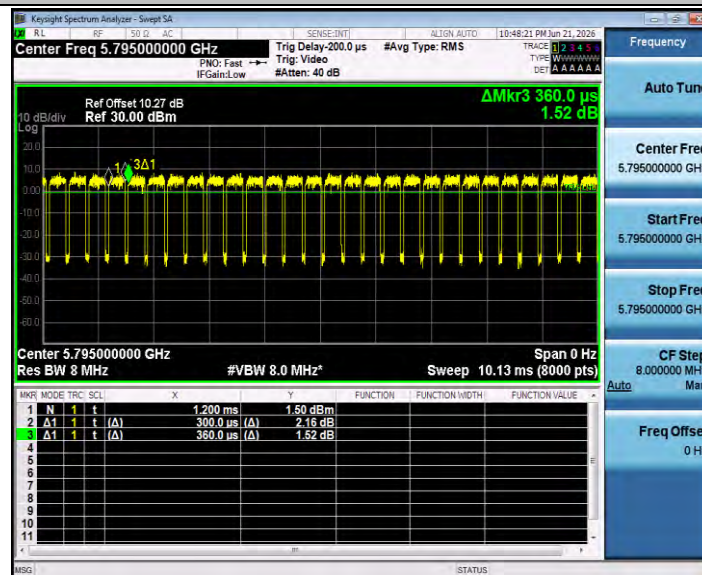
11AX20SISO_Ant3_5825



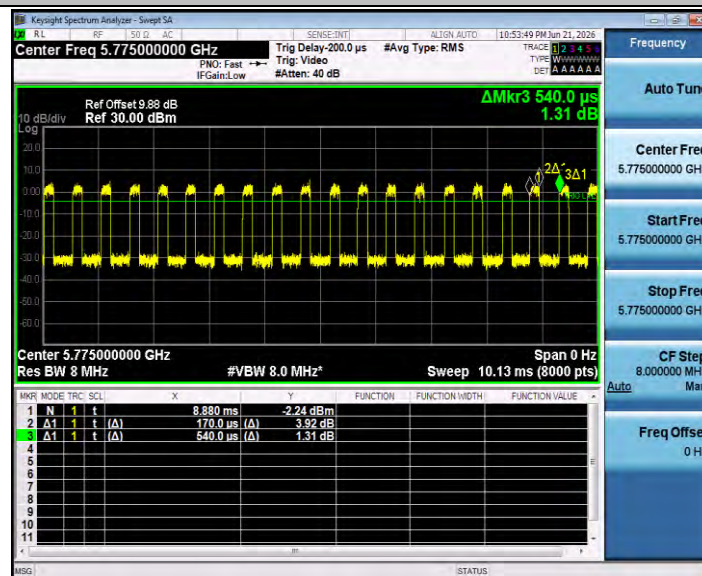
11AX40SISO_Ant3_5755



11AX40ISO_Ant3_5795



11AX80ISO_Ant3_5775



Appendix C.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant3	5745	9.90	95.89	0.18	10.08	≤30.00	PASS
		5785	9.18	95.89	0.18	9.36	≤30.00	PASS
		5825	12.52	96.55	0.15	12.67	≤30.00	PASS
11N20SISO	Ant3	5745	8.41	95.62	0.19	8.60	≤30.00	PASS
		5785	8.88	95.59	0.20	9.08	≤30.00	PASS
		5825	10.81	95.59	0.20	11.01	≤30.00	PASS
11N40SISO	Ant3	5755	8.05	91.55	0.38	8.43	≤30.00	PASS
		5795	9.08	92.86	0.32	9.40	≤30.00	PASS
11AC20SISO	Ant3	5745	8.50	91.89	0.37	8.87	≤30.00	PASS
		5785	9.10	91.89	0.37	9.47	≤30.00	PASS
		5825	11.83	92.00	0.36	12.19	≤30.00	PASS
11AC40SISO	Ant3	5755	8.13	85.37	0.69	8.82	≤30.00	PASS
		5795	9.03	85.37	0.69	9.72	≤30.00	PASS
11AC80SISO	Ant3	5775	4.32	33.33	4.77	9.09	≤30.00	PASS
11AX20SISO	Ant3	5745	10.00	90.00	0.46	10.46	≤30.00	PASS
		5785	11.58	90.00	0.46	12.04	≤30.00	PASS
		5825	13.45	91.53	0.38	13.83	≤30.00	PASS
11AX40SISO	Ant3	5755	9.27	83.33	0.79	10.06	≤30.00	PASS
		5795	9.63	83.33	0.79	10.42	≤30.00	PASS
11AX80SISO	Ant3	5775	4.28	31.48	5.02	9.30	≤30.00	PASS

Appendix C.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant3	5745	-3.52	≤30.00	PASS
		5785	-4.14	≤30.00	PASS
		5825	-0.88	≤30.00	PASS
11N20SISO	Ant3	5745	-5.30	≤30.00	PASS
		5785	-4.80	≤30.00	PASS
		5825	-2.60	≤30.00	PASS
11N40SISO	Ant3	5755	-7.55	≤30.00	PASS
		5795	-6.65	≤30.00	PASS
11AC20SISO	Ant3	5745	-4.99	≤30.00	PASS
		5785	-4.68	≤30.00	PASS
		5825	-1.64	≤30.00	PASS
11AC40SISO	Ant3	5755	-7.05	≤30.00	PASS
		5795	-6.34	≤30.00	PASS
11AC80SISO	Ant3	5775	-8.93	≤30.00	PASS
11AX20SISO	Ant3	5745	-3.96	≤30.00	PASS
		5785	-2.45	≤30.00	PASS
		5825	-0.52	≤30.00	PASS
11AX40SISO	Ant3	5755	-6.22	≤30.00	PASS
		5795	-5.90	≤30.00	PASS
11AX80SISO	Ant3	5775	-8.84	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant3_5745



11A_Ant3_5785



11A_Ant3_5825



11N20SISO_Ant3_5745



11N20SISO_Ant3_5785



11N20SISO_Ant3_5825



11N40SISO_Ant3_5755



11N40SISO_Ant3_5795



11AC20SISO_Ant3_5745



11AC20SISO_Ant3_5785



11AC20SISO_Ant3_5825



11AC40SISO_Ant3_5755



11AC40SISO_Ant3_5795



11AC80SISO_Ant3_5775



11AX20SISO_Ant3_5745



11AX20SISO_Ant3_5785



11AX20SISO_Ant3_5825



11AX40SISO_Ant3_5755



11AX40ISO_Ant3_5795



11AX80ISO_Ant3_5775

